

Patent Abstracts of Japan

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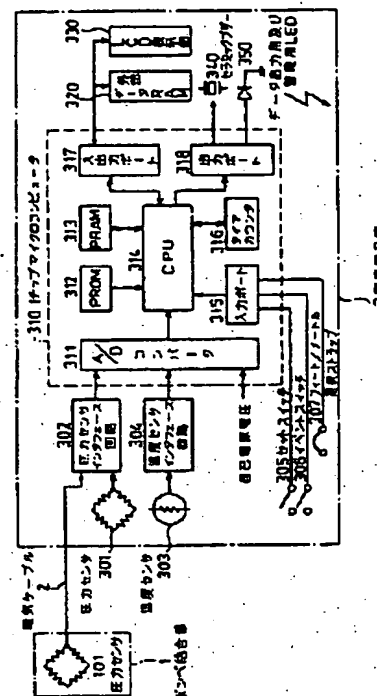
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TITLE : INFORMATION CONTROL DEVICE
FOR DIVING WORK



ABSTRACT : **PURPOSE:** To enhance safety of diving work by providing a means for giving an optimum indication to a diver and recording all sorts of data, a transmission means using an electric cable, and a means for transmitting recorded data to an external general purpose computer through wireless optical communication method.

CONSTITUTION: When the limit of diving work without reducing pressure is exceeded, measuring of diving at reduced pressure is started and a ceramics buzzer 340 is intermittently sounded by a CPU 31 via an output port 318 and also a data-outputting, alarming LED 350 is caused to flash on and off in a slow cycle. While pressure reduction is stopped, the present depth is compared to the depth to which a diver can float up, and if the diver floats up to the depth above that to which the diver can float up, the data-outputting, alarming LED is caused to flash on and off at high speed and an LED indicating portion 330 flashes on and off for indicating it. If air pressure inside a bomb input via a pressure sensor 101, an electric cable 2, a pressure sensor interface circuit 302, and an A/D converter 311 is reduced during diving work, the CPU 314 switches on and off a flashlight indicative of the air pressure value within the bomb.

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